

FOR RELEASE: 10:00 A.M. (LONDON TIME), THURSDAY, JULY 9, 2009

The Conference Board®
The U.K. Business Cycle Indicators<sup>SM</sup>

# THE CONFERENCE BOARD LEADING ECONOMIC INDEX<sup>TM</sup> (LEI) FOR THE UNITED KINGDOM

AND RELATED COMPOSITE ECONOMIC INDEXES FOR MAY 2009

BRUSSELS, July 9, 2009... The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for the U.K. increased 1.0 percent, and The Conference Board Coincident Economic Index<sup>TM</sup> (CEI) decreased 0.1 percent in May.

- The Conference Board LEI for the U.K. increased for the second consecutive month in May as a result of positive contributions from volume of expected output, consumer confidence, stock prices and the yield spread. The index was revised downwards from December through April after first quarter data for productivity became available and data for the operating surplus of corporations were revised. Between November 2008 and May 2009, the leading economic index declined by 2.7 percent (about a -5.3 percent annual rate), slower than the 6.8 percent decrease (about a -13.2 percent annual rate) between May and November 2008. However, the weaknesses among the leading indicators have been slightly more widespread than the strengths in recent months.
- The Conference Board CEI for the U.K., a measure of current economic activity, declined for the sixth time in the past seven months in May, and the index was revised downward from December through April after first quarter data for household disposable income became available. During the past six months, the coincident economic index decreased by 1.4 percent (about a -2.9 percent annual rate), faster than the 0.3 percent decrease (about a -0.6 percent annual rate) for the previous six months. The six-month change in this index is now at its lowest level since 1980. In addition, the weaknesses among the coincident indicators have remained widespread in recent months. Meanwhile, real GDP contracted at a 9.2 percent annual rate during the first quarter of 2009, its largest quarterly decline since 1974, following a decline of 7.0 percent annual rate in the fourth quarter of 2008.
- After falling steadily from the middle of 2007 through the first quarter of 2009, The Conference Board LEI for the U.K. increased over the last two months and, as a result, its six-month decline has moderated significantly. The Conference Board CEI for the U.K., which fell very slightly in the first six months following its May 2008 peak, has declined more rapidly since November 2008. Taken together, the recent behavior of the composite indexes continues to suggest that the pace of contraction in economic activity could begin to moderate in the months ahead.

The next release is scheduled for Thursday, August 6, 2009 at 10:00 A.M. (London Time) In the U.S. – August 6, 2009 at 5:00 A.M. (ET)

<u>LEADING INDICATORS.</u> Four of the seven components that make up The Conference Board LEI for the U.K. increased in May. The positive contributors – from the largest positive contributor to the smallest – were volume of expected output, consumer confidence, stock prices, and the yield spread. The negative contributors – from the largest negative contributor to the smallest – were productivity for the whole economy\* and operating surplus of corporations\*. Order book volume remained unchanged in May.

With the 1.0 percent increase in May, The Conference Board LEI for the U.K. now stands at 91.4 (2004=100). Based on revised data, this index increased 0.7 percent in April and declined 0.9 percent in March. During the six-month span through May, the leading economic index decreased 2.7 percent, with three of the seven components advancing (diffusion index, six-month span equals 42.9 percent).

<u>COINCIDENT INDICATORS.</u> None of the four components that make up The Conference Board CEI for the U.K. increased in May. Retail sales and industrial production declined, while employment\* and real household disposable income\* remained unchanged in May.

With the decrease of 0.1 percent in May, The Conference Board CEI for the U.K. now stands at 102.5 (2004=100). Based on revised data, this index remained unchanged in April and decreased 0.3 percent in March. During the six-month period through May, the coincident economic index decreased 1.4 percent, with one of the four components advancing (diffusion index, six-month span equals 25.0 percent).

#### **DATA AVAILABILITY:**

The data series used to compute **The Conference Board Leading Economic Index**<sup>TM</sup> (LEI) for the U.K. and **The Conference Board Coincident Economic Index**<sup>TM</sup> (CEI) for the U.K. reported in this release are those available "as of" 10 A.M. ET on Tuesday, July 7, 2009. Some series are estimated as noted below.

\* Series in The Conference Board LEI for the U.K. that are based on our estimates are productivity for the whole economy, and operating surplus of corporations. Series in The Conference Board CEI for the U.K. that are based on our estimates are employment and real household disposable income.

###

#### For more information:

The Conference Board Europe: + 32 2 675 5405 Email: indicators@conference-board.org

Website: http://www.conference-board.org/economics/bci/
\*\*\* \*\*\* \*\*\*

THE CYCLICAL INDICATOR APPROACH. The composite economic indexes are the key elements in an analytic system designed to signal peaks and troughs in the business cycle. The leading and coincident economic indexes are essentially composite averages of several individual leading or coincident indicators. (See page 3 for details.) They are constructed to summarize and reveal common turning point patterns in economic data in a clearer and more convincing manner than any individual component—primarily because they smooth out some of the volatility of individual components.

Historically, the cyclical turning points in The Conference Board LEI for the U.K. have occurred before those in aggregate economic activity, while the cyclical turning points in The Conference Board CEI for the U.K. have occurred at about the same time as those in aggregate economic activity.

Further explanations of the cyclical indicator approach and the composite economic index methodology appear in The Conference Board's *Business Cycle Indicators* report and Web site: http://www.conference-board.org/economics/bci/.

#### U.K. Composite Economic Indexes: Components and Standardization Factors

<u>Leading Economic Index</u>						
1	Order Book Volume	0.0608				
2	Expected Output Volume	0.0480				
3	Consumer Confidence	0.0996				
4	All Share Price Index	0.0341				
5	Yield Spread	0.0838				
6	Productivity, Whole Economy	0.5587				
7	Operating Surplus, Corporations	0.1150				
Coincident Economic Index						
1	Industrial Production	0.0583				
2	Retail Sales	0.0566				
3	Employment	0.7297				
4	Real Household Disposable Income	0.1553				

#### Notes:

The component factors are inversely related to the standard deviation of the month-to-month changes in each component. They are used to equalize the volatility of the contribution from each component and are "normalized" to sum to 1.

These factors were revised effective with the January 2009 release, and all historical values for the two composite economic indexes were revised at this time to reflect the changes. (Under normal circumstances, updates to the leading and coincident economic indexes only incorporate revisions to data over the past six months.) The factors above for the leading economic index were calculated using 1977-2007 as the sample period for measuring volatility. Separate sets of factors for the 1975-1977 period, the 1974-1975 period, as well as the 1970-1974 period, are available upon request. The factors above for the coincident economic index were calculated using 1992-2007 as the sample period; separate sets of factors for the 1978-1992 period and the 1970-1978 period are available upon request. These multiple sample periods are the result of different starting dates for the component data. When one or more components are missing, the other factors are adjusted proportionately to ensure that their total continues to sum to 1. For additional information on the standardization factors and the index methodology visit our Web site: http://www.conference-board.org/economics/bci/.

The trend adjustment factor for the leading index is -0.0672, calculated over the 1970-2007 period.

To address the problem of lags in available data, those leading and coincident indicators that are not available at the time of publication are estimated using statistical imputation. An autoregressive model is used to estimate each component. The resulting indexes are constructed using real and estimated data, and will be revised as the data unavailable at the time of publication become available. Such monthly data revisions are now a regular part of the U.S. Business Cycle and Global Indicators program. The main advantage of this procedure is to utilize in the leading economic index the data such as bond yields, stock prices, and change in consumer confidence that are available sooner than other data on "real" aspects of the economy such as housing starts and new orders. Empirical research by The Conference Board suggests there are real gains in adopting this procedure to make all the indicator series as up-to-date as possible.

#### **NOTICES**

The next release for The Conference Board Leading Economic Index<sup>TM</sup> (LEI) for the U.K. is:

June 2009 Data

July 2009 Data

August 2009 Data

August 2009 Data

September 2009 Data

October 2009 Data

Thursday, August 06, 2009

Thursday, September 10, 2009

Tuesday, November 10, 2009

Thursday, December 10, 2009

All releases are at 5:00 A.M. (ET), 10:00 A.M. (London Time)

#### ABOUT THE CONFERENCE BOARD

The Conference Board is a global, independent business-membership and research association working in the public interest. Our mission is unique: To provide the world's leading organizations with the practical knowledge they need to improve their performance AND better serve society. The Conference Board is a non-advocacy, not-for-profit entity holding 501 (c) (3) tax-exempt status in the United States.

#### AVAILABLE FROM THE CONFERENCE BOARD

U.K. Business Cycle Indicators Internet Subscription \$ 635 per year (1 user)

(Includes monthly release, data, charts and commentary)

Individual Data Series \$ 35 per series downloaded

Monthly BCI Report \$ 275 per year (Sample available at <a href="http://www.conference-board.org/publications/describeBCI.cfm">http://www.conference-board.org/publications/describeBCI.cfm</a>)
BCI Handbook (published 2001) \$ 20

Corporate Site License contact Indicators Program at (212) 339-0330

Business Cycle Indicators for France, Germany, Japan, Korea, Mexico, Spain and the U.S. are available at \$635 per country per year (1 user). Discounts are available to Associates of The Conference Board and accredited academic institutions.

#### The Conference Board U.K. Business Cycle Indicators

Table 1.--Summary of U.K. Composite Economic Indexes

		2008		2009			
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.
Leading index	93.9	92.7	91.7 r	90.7 r	89.9 p	90.5 p	91.4 p
Percent change	-1.3	-1.3	-1.1 r	-1.1 r	-0.9 p	0.7 p	1.0 p
Diffusion index	28.6	28.6	28.6	14.3	28.6	57.1	64.3
Coincident index	104.0	103.9	103.3 r	102.9 r	102.6 p	102.6 p	102.5 p
Percent change	-0.1	-0.1	-0.6 r	-0.4 r	-0.3 p	0.0 p	-0.1 p
Diffusion index	50.0	50.0	25.0	0.0	25.0	50.0	25.0
	May to	Jun to	Jul to	Aug to	Sep to	Oct to	Nov to
	Nov	Dec	Jan	Feb	Mar	Apr	May
Leading index							
Percent change	-6.8	-7.0	-7.3	-7.7	-7.3	-4.8	-2.7
_							
Diffusion index	28.6	28.6	28.6	14.3	14.3	14.3	42.9
Diffusion index  Coincident index	28.6	28.6	28.6	14.3	14.3	14.3	42.9
	28.6	28.6 -0.2	28.6 -0.7	14.3 -1.1	14.3 -1.3	14.3 -1.4	42.9 -1.4

p Preliminary. r Revised (noted only for index levels and one-month percent changes).

CALCULATION NOTE: The diffusion indexes measure the proportion of the components that are rising. Components that rise more than 0.05 percent are given a value of 1.0, components that change less than 0.05 percent are given a value of 0.5, and components that fall more than 0.05 percent are given a value of 0.0.

For more information, visit our Web site at www.conference-board.org/economics/bci

Source: The Conference Board All Rights Reserved

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

The data and analysis are not for databasing by any means, redistribution,

publishing, or public posting without express written permission from The Conference Board.

## THESE DATA ARE FOR ANALYSIS PURPOSES ONLY. NOT FOR REDISTRIBUTION, PUBLISHING, DATABASING, OR PUBLIC POSTING WITHOUT EXPRESS WRITTEN PERMISSION.

#### The Conference Board U.K. Business Cycle Indicators

Table 2.--Data and Net Contributions for Components of the U.K. Leading Economic Index

Table 2 Data and Net		2008	•	2009			
Component	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.
	U.K. Leading Economic Index component data						
Order Book Volume, CBI Monthly Enquiry (3 month moving average)	-34.3	-37.3	-40.3	-46.3	-54.0	-57.0	-57.0
Volume of Expected Output, CBI Monthly Enquiry (3 month moving average)	-29.7	-38.3	-42.3	-43.0	-45.0	-41.3	-32.3
Consumer Confidence (3 month moving average)	-26.1	-28.1	-30.7	-31.8	-31.0	-26.2	-22.8
Stock prices, FTSE all share prices index (Apr. 10, 1962=100)	2110.7	2127.3	2147.3	2046.2	1902.0	2063.5	2239.3
Yield Spread, 10 years minus Bank Rate	1.0	1.5	2.1	2.6	2.7	2.9	3.1
Productivity, Whole Economy Index (2005=100, Q)	102.3	101.5	100.8	r 100.0	r 99.5 **	99.1 **	98.8 **
Total Gross Operating Surplus of Corporatio (Deflated with IPD, Q)	ns 80416.5	79380.4	78340.1	77287.5	76661.1 **	76300.8 **	76106.6 **
LEADING INDEX (2004=100)  Percent change from preceding month	93.9	<b>92.7</b> -1.3	<b>91.7</b> -1.1			<b>90.5</b> p 0.7 p	<b>91.4</b> p 1.0 p
<del></del>		Ĺ	J.K. Leading	Economic Inde	ex net contributio	ns	
Order Book Volume, CBI Monthly Enquiry (3 month moving average)		-0.18	-0.18	-0.36	-0.47	-0.18	0.00
Volume of Expected Output, CBI Monthly Enquiry (3 month moving average)		-0.41	-0.19	-0.03	-0.10	0.18	0.43
Consumer Confidence (3 month moving average)		-0.20	-0.26	-0.11	0.08	0.48	0.34
Stock prices, FTSE all share prices index (Apr. 10, 1962=100)		0.03	0.03	-0.16	-0.25	0.28	0.28
Yield Spread, 10 years minus Bank Rate		0.13	0.18	0.22	0.23	0.24	0.26
Productivity, Whole Economy Index (2005=100, Q)		-0.42	-0.43	-0.42	-0.30 **	-0.21 **	-0.15 **
Total Gross Operating Surplus of Corporatio (Deflated with IPD, Q)	ns 	-0.15 r	-0.15	-0.16	-0.09 **	-0.05 **	-0.03 **

p Preliminary. r Revised. n.a. Not available. c Corrected.

**Data Sources:** National Statistics, Thomson Financial, Bank of England, Confederation of British Industry and The European Commission

CALCULATION NOTE--The percent change in the index does not always equal the sum of the net contributions

of the individual components (because of rounding effects and base value differences).

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

The data and analysis are not for databasing by any means, redistribution,

publishing, or public posting without express written permission from The Conference Board.

<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

<sup>\*\*</sup> Statistical Imputation (See page 2 for more details)

Q Quarterly series; these series are converted to a monthly series through a linear interpolation.

## THESE DATA ARE FOR ANALYSIS PURPOSES ONLY. NOT FOR REDISTRIBUTION, PUBLISHING, DATABASING, OR PUBLIC POSTING WITHOUT EXPRESS WRITTEN PERMISSION.

#### The Conference Board U.K. Business Cycle Indicators

Table 3.--Data and Net Contributions of the U.K. Coincident Economic Index

		2008		2009			
Component	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.
	U.K Coincident Economic Index component data						
Industrial Production (2005=100)	92.4	r 90.7	r 88.3 r	87.7 r	87.4 r	87.5 r	87.0
Retail Sales, Volume (2005=100)	110.2	r 111.5	112.2 r	109.7 r	111.0 r	112.1 r	111.3
Employment, (average, thousands)	29361.0	29379.0	29267.0	29204.0	29108.0 r	29084.7 **	29086.4 **
Real Household Disposable Income							
(2003 Constant Price, Q)	215579.0	213875.0	212171.0	210467.0	209660.5 **	209351.2 **	209317.4 **
COINCIDENT INDEX (2004=100)	104.0	103.9	103.3	102.9	<b>102.6</b> p	<b>102.6</b> p	<b>102.5</b> p
Percent change from preceding mont		-0.1	-0.6	-0.4	-0.3 p	0.0 p	-0.1 p
	U.K. Coincident Economic Index net contributions						
Industrial Production (2005=100)		-0.11	r -0.16 r	-0.04	-0.02	0.01 r	-0.03
Retail Sales, Volume (2005=100)	••••	0.07	r 0.04	-0.13 r	0.07	0.06	-0.04
Employment, (average, thousands)	• • • • • • • • • • • • • • • • • • • •	0.04	-0.28	-0.16	-0.24 r	-0.06 **	0.00 **
Real Household Disposable Income							
(2003 Constant Price, Q)		-0.12	-0.12 r	-0.13 **	-0.06 **	-0.02 **	0.00 **

p Preliminary. r Revised. n.a. Not available. c Corrected.

Data Sources: National Statistics, Thomson Financial

CALCULATION NOTE--The percent change in the index does not always equal the sum of the net contributions of the individual components (because of rounding effects and base value differences).

#### © The Conference Board

These data are protected by copyright and are for news analysis purposes only.

The data and analysis are not for databasing by any means, redistribution,

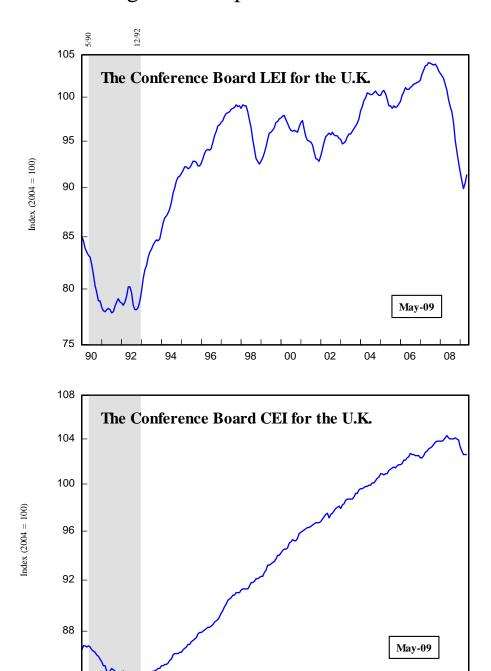
publishing, or public posting without express written permission from The Conference Board.

<sup>\*</sup> Inverted series; a negative change in this component makes a positive contribution to the index.

<sup>\*\*</sup> Statistical Imputation (See page 2 for more details)

Q Quarterly series; these series are converted to monthly through a linear interpolation.

### United Kingdom Composite Economic Indexes



02

04

06

Source: The Conference Board

08

Note: The shaded areas represent business cycle recessions. The peaks and troughs are designated by The Conference Board based on the coincident index and real GDP.

94

92

84 \_\_\_\_